

11. A device for splash separation at a dandy roll of a fourdrinier machine, comprising:

a means for detaching and further conveying water from the dandy roll;

a rotating roll for capturing the detached water from the dandy roll, wherein the rotating roll is located in a position completely under an imagined horizontal plane, which goes through the center of the dandy roll.

12. The device according to claim 11, wherein there is a gap between the surface of the rotating roll and the surface of the dandy roll, wherein the rotating roll is parallel to the dandy roll and the rotating roll and the dandy roll have the same length.

13. The device according to claim 11, wherein the means for detaching and further conveying water from the dandy roll comprises a first doctor blade positioned at the dandy roll on a level above the center line of the dandy roll and a cover, whereby one wall is substantially parallel to the dandy roll and the two walls are at either end of the dandy roll.

14. The device according to claim 13, wherein a second doctor blade is positioned close to the rotating roll for scraping off water from the rotating roll and a tub is positioned under the second doctor blade for collecting the detached water, whereby said tub is positioned by the side of the rotating roll.

15. The device according to claim 11, wherein a diameter of the rotating roll and a rotational speed are adapted to a desired path of movement of the detached water, whereby the rotating roll rotates at a periferical speed of 10-400 m/min.

16. The device according to claim 15, wherein rotating roll rotates at a periferical speed of 50-250 m/min.

17. The device according to claim 11, wherein the rotating roll is solid or hollow and the circumferential surface is made of a material which is suitable for capturing water splash, and which gives the rotating roll a smooth surface.

18. The device according to claim 11, wherein the rotating roll is solid or hollow and the circumferential surface is covered or coated by a material which is suitable for capturing water splash, and which gives the rotating roll a smooth surface.

19. The device according to claim 11, wherein the rotating roll rests on sliding bars by way of fastening means and sliding ferrules and the position of the rotating roll can be adjusted both vertically and horizontally by means of the fastening means, the sliding ferrules and the sliding bars.

20. The device according to claim 14, wherein the tub has a circular section and the tub is open at part of the circular section in order to divert away collected water and the tub receives a tube which constitutes a part of a steam coil.

21. The device according to claim 14, wherein the tub has a rectangular section and the tub is open at at least one short side of said rectangular section in order to divert away collected water and the tub receives a tube which constitutes a part of a steam coil.

22. The device according to claim 14, wherein the second doctor blade abuts so tightly against the rotating roll so that substantially the entire amount of water is diverted over the second doctor blade.

23. The device according to claim 14, wherein at least one first doctor blade extends along the length of the dandy roll and at least one second doctor blade extends along the length of the rotating roll.